UPS INSTALLATION FOR:
ALABAMA DEPARTMENT OF TRANSPORTATION
LOCATED AT 1409 COLISEUM BOULEVARD

A. Contractor will install one new 150-160KVA UPS system in accordance with manufacturer's instructions. UPS system shall be a lock and key job with all materials and labor provided by the contractor with materials and workmanship warranted for one year from startup.

1. Pre-bid meeting with all perspective contractors to be held prior to turning in bids.

2. Site visit will be required. The bid document must be signed by Robert Harrell or Jimmy Hudson prior to submittal.

2. Pre-construction meeting to be held with winning bidder to coordinate installation with owner.

3. All work to be done to minimize downtime of existing UPS system. After hours and weekend work may be required.

B. Manufacturer of UPS will provide start up services only. Coordination will be the responsibility of the contractor.

C. Contractor will provide all conduit, conductors, terminations, interconnecting cables, miscellaneous equipment, and any other materials required to complete installation.

D. Contractor will provide all labor, permits, insurance, transportation, and storage as needed to complete installation.

E. Contractor will switch Computer Services load from the existing UPS system to the new UPS system.

F. Contractor shall install on the new UPS panel VGP-01, (2) 400amp three pole breakers, (1) 125amp three pole breaker, and (3) 225amp three pole breakers.

G. Contractor will uninstall chiller and air handler load from the generator.

H. Contractor will change breakers in panel UGP-01 to:

1. Panel # 1—feed from UGP-01 with a 225-amp three phase four-wire circuit. One, 2-1/2"emt with 4-4\0 THHN & 1- #4 THHN Ground copper conductor

2. Panel # 2—feed from UGP-01 with a 225-amp three phase four-wire circuit. One, 2-1/2"emt with 4-4\0 THHN & 1- #4 THHN Ground copper conductor

3. Panel # 3—feed from UGP-01 with a 225-amp three phase four-wire circuit. One, 2-1/2"emt with 4-4\0 THHN & 1- #4 THHN Ground copper conductor

4. Panel # 4—feed from UGP-01 with a 125-amp three phase four-wire circuit. One, 1-1/4"emt with 4-#2 THHN and & 1- #6 THHN Ground copper conductor

5. Panel #5—feed from UGP-01 with a 400-amp three phase four-wire circuit. One, 3-1/2" emt with 4-500 THHN & 1- #3 THHN Ground copper conductor

6. Panel #6—feed from UGP-01 with a 400-amp three phase four-wire circuit. One, 3-1/2" emt with 4-500 THHN & 1- #3 THHN Ground copper conductor

7. Add one (1) new 225-amp panel to be installed in Computer Services Server Area—feed from UGP-01 with a 225-amp three phase four-wire circuit. One, 2-1/2"emt with 4-4\0 THHN & 1- #4 THHN Ground copper conductor

8. Add ten (10) new 20-amp/120-volt drops in Computer Services Server Area

I. Once the new panel feeders are complete, the old panel feeders shall be removed from the existing UPS panel UFP-S1 located on the loading dock.

END